

CLAIMS

WE Claim:

1. A module assembly apparatus comprising:

- header ¹⁰ means with a pin array depending from said header;- pin organizer ³⁰ means, further comprised of: pin conduit ³⁵ means disposed to be in

mating relationship with said pin array; means for engaging said pin organizer means to said header means; and, means for engaging said pin organizer means to a housing means;

- and said housing ⁵⁰ means;

wherein, said pin conduit means mates with said pin array, said means for engaging said pin organizer means to said header means engages said header ^{means} and said means for engaging said pin organizer means to a housing means engages said housing means.

2. An apparatus as in claim 1 wherein said means for engaging said pin organizer means to ^{said} a header means further comprises a channel ^{40, 41} means disposed upon said pin organizer means.

3. An apparatus as in claim 1 wherein said means for engaging said pin organizer means to a header means further comprises a means for orienting said pin organizer means.

4. An apparatus as in claim 1 wherein said means for engaging said pin organizer means to said header means further comprises a ^{20, 21} finger means.

5. An apparatus as in claim 1 wherein said means for engaging said pin organizer means to a housing means further comprises a surface means.

6. An apparatus as in claim 5 wherein said surface means further comprises a wedge shaped surface means.

7. An apparatus as in claim 1 further comprising means for orienting said header means through engagement with said pin organizer means.

8. A method of assembling a module comprising the steps of:

- providing a header means with pin array;
- inserting said header means within a first recess in a housing; and,
- inserting a pin organizer, with pin conduit means, in a second recess in said housing, so that any pin in said pin array mates with said pin conduit, while imposing opposing forces between said header and said housing.

9. A method as in claim 8 wherein the step of inserting a pin organizer, with pin conduit means, in a second recess in said housing, so that any pin in said pin array mates with said pin conduit, further comprises imposing opposing forces between said header and said housing while inserting said pin organizer.

10. A method as in claim 9 wherein the step of imposing opposing forces further comprises imposing opposing forces, at least in part, through a mating relationship of said pin organizer with said header.

11. A method as in claim 9 wherein the step of imposing opposing forces further comprises imposing opposing forces, at least in part, through a mating relationship of said pin organizer with said housing.

12. A method as in claim 10 wherein the step of imposing opposing forces, at least in part, through a mating relationship of said pin organizer with said header further

comprises using a means disposed upon said pin organizer to mate with a means disposed upon said header.

13. A method as in claim 12 wherein the step of using a means disposed upon said pin organizer to mate with a means disposed upon said header further comprises using a channel means disposed upon said pin organizer to mate with a finger means disposed upon said header.

14. A method as in claim 11 wherein the step of imposing opposing forces, at least in part, through a mating relationship of said pin organizer with said housing further comprises using a means disposed upon said pin organizer to mate with a means disposed upon said housing.

15. A method as in claim 14 wherein the step of using a means disposed upon said pin organizer to mate with a means disposed upon said housing further comprises using a surface means disposed upon said pin organizer to mate with a surface means disposed upon said header.

16. A method as in claim 15 wherein the step of using a surface means disposed upon said pin organizer to mate with a surface means disposed upon said header further comprises using a wedge shaped surface means disposed upon said pin organizer.

17. A method as in claim 8 further comprising the step of orienting said header means.

18. A method as in claim 17 wherein the step of orienting said header means further comprises the step of orienting said header means through a finger means.

19. An article of manufacture for module assembly comprising a pin organizer, wherein said pin organizer is comprised of:

- pin conduit means, disposed to be in mating relationship with a pin array;
- means for engaging said pin organizer to a header; and,
- means for engaging said pin organizer to a housing;

wherein, said pin conduit means mates with said pin array, said means for engaging said organizer to said header engages said header, and said means for engaging said organizer to a housing engages said housing.